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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
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|  |  |   |  |   |               |
|--|--|---|--|---|---------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>  |  | Attorney Docket No.   |  | 843.42897X00  |               |
|  |  | First Inventor  |  | USAMI, MITSUO   |               |
|  |  | Title   |  | SEMICONDUCTOR DEVICES AND MANUFACTURING<br>METHOD THEREFOR AND ELECTRIC COMMERCE METHOD<br>AND TRANSPONDER READER |               |
|  |  | Express Mail Label No.  |  |   |               |
| <b>APPLICATION ELEMENTS</b>  |  |   |  | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231        |               |
| SEE MPEP chapter 600 concerning utility patent application contents.   |  |   |  |   |               |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i>  |  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)  |  |   |               |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.  |  | 8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>  |  |   |               |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages: 72]<br><i>(preferred arrangement set forth below)</i><br>-Descriptive title of the invention<br>-Cross Reference to Related Applications<br>-Statement Regarding Fed sponsored R & D<br>-Reference to sequence listing, a table,<br>or a computer program listing appendix<br>-Background of the Invention<br>-Brief Summary of the Invention<br>-Brief Description of the Drawings (if filed)<br>-Detailed Description<br>-Claim(s)<br>-Abstract of the Disclosure |  | a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies   |  |   |               |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Pages: 29]  |  | <b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Citations<br>Statement (IDS)/PTO-1449<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: <b>Figs. 1-31, Credit Card Payment Form</b> |  |   |               |
| 5. Oath or Declaration [Total Pages: 3]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br><i>(for continuation/divisional with Box 18 completed)</i><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s)<br>Named in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b)   |  |   |  |   |               |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76  |  |   |  |   |               |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,<br>or in an Application Data Sheet under 37 CFR 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:  |  |   |  |   |               |
| Prior application information: Examiner: _____ Group Art Unit: _____<br>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under<br>Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.<br>The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.                           |  |   |  |   |               |
| <b>19. CORRESPONDENCE ADDRESS</b>  |  |   |  |   |               |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label  |  | 020457<br><i>(Insert Customer No. or Attach bar code label here)</i>  |  | or <input type="checkbox"/> Correspondence address below  |               |
| Name   |  | ANTONELLI, TERRY, STOUT & KRAUS, LLP  |  |   |               |
| Address  |  |   |  |   |               |
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| Country  |  | Telephone   |  | Fax   |               |
|  |  | (703) 312-6600  |  | (703) 312-6666  |               |
| Name   |  | Gregory E. Montone  |  | Registration No. (Attorney/Agent)   | 28,141        |
| Signature  |  |   |  | Date  | June 27, 2003 |

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**Complete if Known**

|                      |               |
|----------------------|---------------|
| Application Number   |               |
| Filing Date          | June 27, 2003 |
| First Named Inventor | USAMI, MITSUO |
| Examiner Name        |               |
| Art Unit             |               |
| Attorney Docket No.  | 843.42897X00  |

TOTAL AMOUNT OF PAYMENT (\$1,294.00)

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout &amp; Kraus, LLP

The Commissioner authorized to: (check all that apply)

☐ Charge fees indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fees indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code (\$) | Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description           | Fee Paid |
|---------------------|----------------------|----------------------------|---------------------------|----------|
| 1001                | 750                  | 2001                       | 375 Utility filing fee    | 750.00   |
| 1002                | 330                  | 2002                       | 165 Design filing fee     |          |
| 1003                | 520                  | 2003                       | 260 Plant filing fee      |          |
| 1004                | 750                  | 2004                       | 375 Reissue filing fee    |          |
| 1005                | 160                  | 2005                       | 80 Provisional filing fee |          |

**SUBTOTAL (1) 750.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    | Extra Claims | Fee from below | Fee Paid      |
|--------------------|--------------|----------------|---------------|
| Total Claims       | 14           | -20** = 0      | x 18 = 0      |
| Indep. Claims      | 9            | -3** = 6       | x 84 = 504.00 |
| Multiple Dependent |              | 280            | = 0           |

| Large Fee Code (\$) | Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|---------------------|----------------------|----------------------------|--|
| 1202                | 18                   | 2202                       | 9 Claims in excess of 20                                     |
| 1201                | 84                   | 2201                       | 42 Independent claims in excess of 3                         |
| 1203                | 280                  | 2203                       | 140 Multiple dependent claim, if not paid                    |
| 1204                | 84                   | 2204                       | 42 ** Reissue independent claims over original patent        |
| 1205                | 18                   | 2205                       | 9 ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) \$ 504.00**

\*\*or number previously paid, if greater; For Reissues, see above.

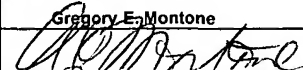
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051                       | 130                        | 2051 65 Surcharge - late filing fee or oath  |          |
| 1052                       | 50                         | 2052 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                       | 130                        | 1053 130 Non-English specification   |          |
| 1812                       | 2,520                      | 1812 2,520 For filing a request for <i>ex parte</i> reexamination                  |          |
| 1804                       | 920*                       | 1804 920* Requesting publication of SIR prior to Examination action                |          |
| 1805                       | 1,840*                     | 1805 1,840* Requesting publication of SIR after Examiner action                    |          |
| 1251                       | 110                        | 2251 55 Extension for reply within first month                                     |          |
| 1252                       | 410                        | 2252 205 Extension for reply within second month                                   |          |
| 1253                       | 930                        | 2253 465 Extension for reply within third month                                    |          |
| 1254                       | 1,450                      | 2254 725 Extension for reply within fourth month                                   |          |
| 1255                       | 1,970                      | 2255 985 Extension for reply within fifth month                                    |          |
| 1401                       | 320                        | 2401 160 Notice of Appeal  |          |
| 1402                       | 320                        | 2402 160 Filing a brief in support of an appeal                                    |          |
| 1403                       | 280                        | 2403 140 Request for oral hearing  |          |
| 1451                       | 1,510                      | 1451 1,510 Petition to institute a public use proceeding                           |          |
| 1452                       | 110                        | 2452 55 Petition to revive - unavoidable   |          |
| 1453                       | 1,300                      | 2453 650 Petition to revive - unintentional  |          |
| 1501                       | 1,300                      | 2501 650 Utility issue fee (or reissue)  |          |
| 1502                       | 470                        | 2502 235 Design issue fee  |          |
| 1503                       | 630                        | 2503 315 Plant issue fee   |          |
| 1406                       | 130                        | 1460 130 Petitions to the Commissioner   |          |
| 1807                       | 50                         | 1807 50 Processing fee under 37 CFR 1.17(q)  |          |
| 1806                       | 180                        | 1806 180 Submission of Information Disclosure Stmt                                 |          |
| 8021                       | 40                         | 8021 40 Recording each patent assignment per property (times number of properties) | 40.00    |
| 1809                       | 750                        | 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))             |          |
| 1810                       | 750                        | 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))          |          |
| 1801                       | 750                        | 2801 375 Request for Continued Examination (RCE)                                   |          |
| 1802                       | 900                        | 1802 900 Request for expedited examination of a design application                 |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 40.00****SUBMITTED BY****Complete (if applicable)**

|                   |   |                                   |            |           |              |
|-------------------|---|-----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Gregory E. Montone  | Registration No. (Attorney/Agent) | 28,141     | Telephone | 703-312-6600 |
| Signature         |  | Date                              | 06/27/2003 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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